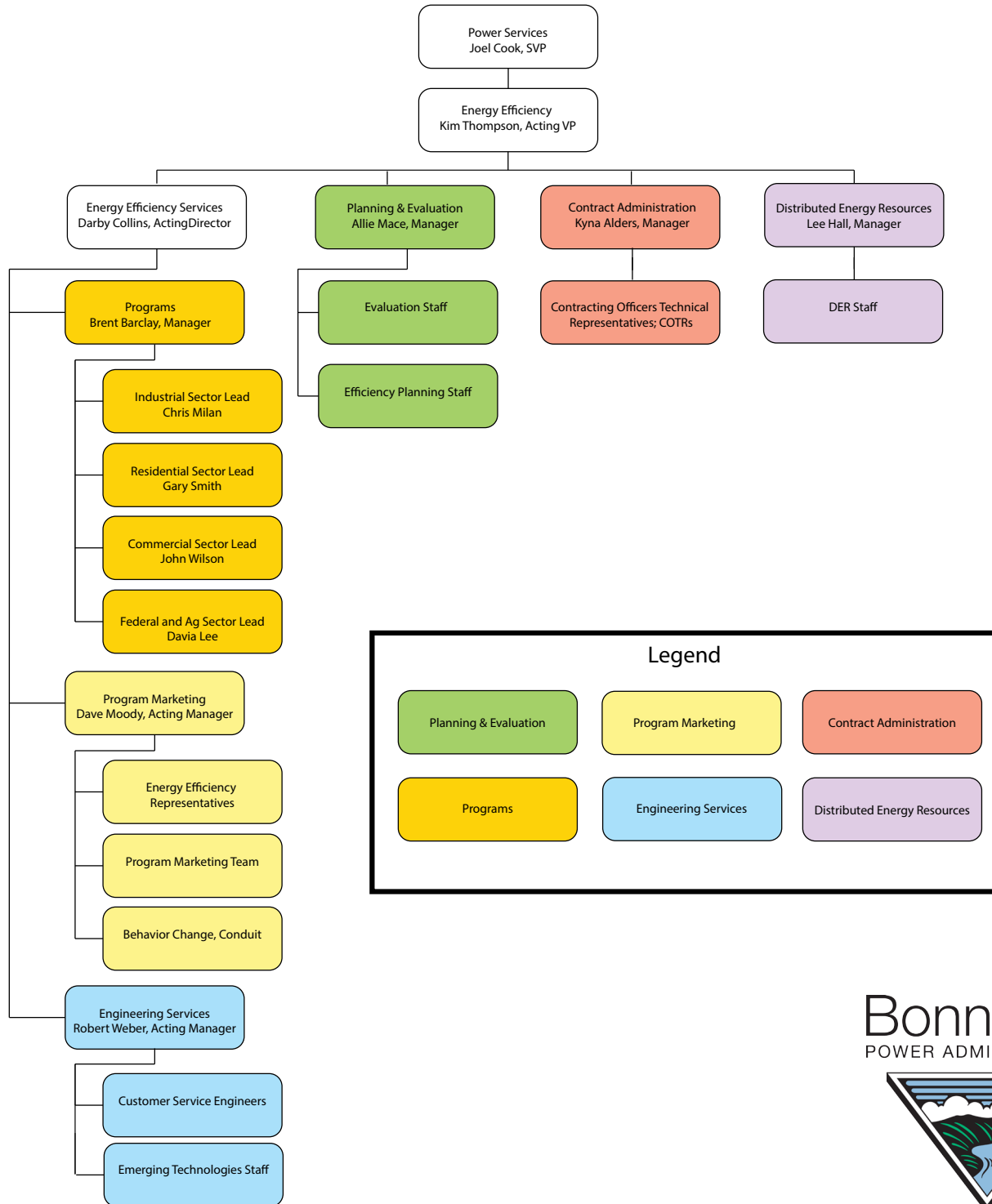


Bonneville Power Administration's Energy Efficiency "Under the Hood"

Description

The table below provides an "under the hood" view of BPA's Energy Efficiency organization in the context of the lifecycle of a deemed measure. Rather than a static organization chart, the "under the hood" view attempts to provide a more contextual look of the various groups in the EE organization by coupling an organization chart with a table that describes each group's roles and responsibilities during the different stages of a unit energy savings measure.

BPA's Energy Efficiency Organization Chart



Lifecycle of Unit Energy Savings (UES) Measures

The Northwest Power and Conservation Council (the council) creates the Power Plan which sets the region's energy efficiency savings target, comprised of existing and emerging technologies. Measures based on these technologies play a vital role in achieving the savings target. The chart below provides a high-level look at the lifecycle of a measure and the roles the regional energy efficiency entities play throughout. This view is not meant to be comprehensive, i.e., many other roles and responsibilities of the EE groups are not captured.

Measure returns to Approval stage due to various drivers: changes in codes and standards; updated measure analysis and data (e.g., evaluations, reports, field testing); corrections for errors; market saturation.

EE Group	New Opportunity Scanning Stage	Assessment and Validation Stage	Measure Approval Stage	Measure Acceptance Stage	Measure Implementation Stage	Savings Reporting Stage	Evaluation Stage
Planning and Evaluation; Planning Team, Evaluation Team.	Evaluates potential for BPA-qualified measures; Consults on Emerging Technology pilots to ensure evaluability.	Develops recommendations for tracking and reporting requirements for BPA qualified programs.	Works with Programs to ensure good inputs, then takes measures to the Regional Technical Forum for approval.	Determines BPA's willingness to pay.	Develops regional programs in coordination with Programs.	Reports savings to the Council.	Evaluates measures and programs.
Program Marketing Energy Efficiency Representatives (EERs and) Marketing Team.		Carries utility ideas back to Programs for consideration.	Provides feedback to Programs on challenges utilities may be experiencing with program design or implementation.	Assists Programs in educating utilities on new measures, e.g., via Brownbags and Weekly Announcements.	Works with Programs to assist utilities with program design and implementation strategies.	Help utilities understand and navigate the BPA reporting tools.	Works with utilities to resolve issues with program reporting and evaluation submittal errors.
Programs; Residential, Commercial, Industrial, Agriculture.	Works with Emerging Technologies to prioritize future technology opportunities that may have program potential.	Works externally. (utilities, implementors) to design utility or regional programs. Coordinates with Northwest Energy Efficiency Alliance's upstream market activities.	Supports Planning & Evaluation on measure presentations to the Regional Technical Forum by assisting with cost inputs and program design needs.	Revises the Implementation Manual to include new measures and measure revisions.	Develops and manages regional programs or infrastructure to support utility programs. Uses quality assurance trend data to improve program design.	Tracks savings by program/measure area to monitor uptake of offers.	Evaluates program success, identifies potential challenges and makes programmatic adjustments as needed.
Engineering Services; Engineering Team, Emerging Technologies.	Manages Emerging Technologies program for zero to little market saturation with unknown energy savings.	Manages demonstration/ pilot projects aimed at documenting a technology's estimated savings; performs lab testing and modeling.	Takes measures to the RTF for approval.	Helps utilities and contractors identify potential energy saving projects in the commercial, industrial and ag sectors.	Assists utilities, ESCO, and industrial partners with custom project proposal design, implementation and Measurement & Verification.	Reviews completion reports to ensure proper M&V requirements are satisfied and validates measure savings.	Provides reports to COTRs validating project measure savings.
Contract Administration; Contracting Officers Technical Representatives (COTRs).				Updates the Implementation Manual every rate period (approximately two years).	Manages the Implementation Manual and pre-approves proposed custom projects.	Performs oversight visits at the utilities to verify energy savings claims.	Ensures BPA M&V and additional data requirements have been satisfied.